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Debra L. Hale

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: : Kaltenbacher et al.

Title : **FLUORESCENCE BASED LIQUID
CORE WAVEGUIDE**

Serial No. : 09/869,653

Filed: : December 22, 1999

Based on International Application No. : PCT/US99/30774

International Filing Date: : 22 December 1999

Attorney Docket No. : 21422/04022

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

Dear Sir:

In response to the Office Action mailed February 28, 2003, please amend the above-identified application as follows: